

PROCEEDINGS OF THE
ROYAL ENTOMOLOGICAL SOCIETY
OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 16.

No. 1, 1951

ORDINARY MEETING

WEDNESDAY, 7TH FEBRUARY, 1951, at 5.30 p.m.

AGENDA

1. Confirmation of the Proceedings of the Ordinary Meeting held on 6th December, 1950, and of the Annual Meeting held on 17th January, 1951.
2. Announcement of Vice-Presidents for 1951.
3. Recommendations of candidates for Fellowship.
4. Announcement of election of new Fellows.
5. Additions to the Library.

Presented.

Borkhsenius, N. S. [Homoptera Vol. 7. Sub-order Mealybugs and Scales (Coccoidea). Family Mealybugs (Pseudococcoidea)]. 8vo. Moscow and Leningrad. 1949. [*Faune de l'U.R.S.S. (N.S.)* 38.] [Academy of Sciences of the U.S.S.R.]

Glen, Robert. Larvae of the Elaterid beetles of the tribe Lepturoidini. [*Smithson. misc. Coll.* 111 (11) : pp. 246, 1950.] [The Author.]

Gussakovskij, V. V. Insectes hyménoptères. Vol. 2, no. 2. Chalastogastra (partie 2). 8vo. Moscow and Leningrad. 1947. [*Faune de l'U.R.S.S. (N.S.)* 32.] [Academy of Sciences of the U.S.S.R.]

Hennig, Willi. *Grundzüge einer Theorie der phylogenetischen Systematik*. 8vo. Berlin. 1950. [Deutsches Entomologisches Institut.]

Leeson, H. S., and others. *Anopheles and malaria in the Near East*. 4to. London. 1950. [Memoir no. 7, London School of Hygiene and Tropical Medicine.] [Major H. S. Leeson.]

Medvedev, S. I. [Coleoptera Vol. 10, part 3. SCARABAEIDAE sub-fam. RUTELINAE. (Cereal beetles and near groups).] 8vo. Moscow and Leningrad. 1949. [*Faune de l'U.R.S.S. (N.S.)* 36.] [Academy of Sciences of the U.S.S.R.]

Purchased.

Schaefer, Léon. *Les Buprestides de France*. 8vo. Paris. 1949.

In addition, separates were presented by The Director of Infestation Research, Ministry of Agriculture and Fisheries; Mrs. V. M. Muspratt; Companhia de Diamantes de Angola; Mr. W. D. Hincks; Mr. N. C. E. Miller; United States Department of Agriculture; Professor G. D. Hale Carpenter; The Smithsonian Institution; Dr. T. T. Macan; Dr. A. J. Nicholson; The Director of Agriculture, British Guiana; Commonwealth Institute of Entomology; Dr. Ivar Trägårdh; Mr. R. E. Snodgrass; Mr. N. H. Swellengrebel; Dr. W. H. Thorpe; Mr. R. C. H. Sweeney; Mr. D. K. McE. Kevan; Mr. B. R. Laurence; M. J. Ghesquière; Stations fédérales d'essais viticoles, arboricoles et de chimie agricole, Lausanne; and the Medical Entomologist, Sudan Medical Service.

6. Admission of Fellows.

7. Exhibits.

Fellows are particularly requested to bring suitable exhibits to the Meeting even though it may not be possible to announce their intention to do so beforehand.

Note.—To avoid congestion in the Library and to enable exhibits to be displayed to greater advantage, a table has been placed in the meeting-room for this purpose. Fellows are asked to place their exhibits on this table, with a suitable explanatory note, as soon as possible on the afternoon of the meeting, so that they are available for inspection there before the meeting opens.

8. Communications.

Mr. H. S. Robinson.

The behaviour of night-flying insects in the neighbourhood of a bright source of light.

[ABSTRACT]

An account will be given of some experiments to discover the reason for the congregation of night-flying insects to bright lights, together with details of the construction of a light trap using the results of these experiments as a basis. Optimum types of light for such a trap will also be discussed, and some speculation offered of the inhibitive and repulsive effects of such lights on night-flying insects. It is hoped to demonstrate a new type of portable trap and electric generator if the prototypes are available in time.

TEA will be served in the Library before the meeting.

A card index of Fellows' addresses arranged on a geographical basis is now available for the use of Fellows in the Society's Rooms. Addresses in Great Britain are grouped under counties; elsewhere under Dominions, Colonies, Foreign States, etc.

ADMISSION OF FELLOWS

Any Fellow who has not been formally admitted to the Society under Chapter XIV, Section 4 of the Bye-laws and attends the meeting on 7th February, 1951, is requested to inform the Secretary before 5.15 p.m. on that date.

PROCEEDINGS OF THE ANNUAL MEETING HELD ON 17TH JANUARY, 1951.

Dr. V. B. Wigglesworth, C.B.E., F.R.S., President, in the Chair.

Present, 79 Fellows and 16 Visitors.

The Secretary read the names of the Officers and Council for 1951, and the President declared them duly elected in accordance with the Bye-Laws.

The Secretary asked the President to accept the Society's congratulations on the inclusion of his name in the New Year's Honours List. In acknowledging these congratulations the President himself expressed the Society's pleasure that the names of Mr. R. F. Bretherton, Dr. W. J. Hall and Mr. G. Popov had also been included.

Mr. F. L. Hatcher, Mr. E. F. Whiteside and Dr. I. Thomas signed the Obligation Book and were admitted Fellows of the Society.

The Secretary read the Report of the Council, which was accepted on the proposal of Dr. W. J. Hall, seconded by Mr. J. V. Pearman.

The Treasurer read his Annual Report, and this, with the accounts for the year ending 31st December, 1950, was adopted on the motion of Mr. W. D. Hincks, seconded by Dr. H. E. Hinton.

The President then read his Address, after which a vote of thanks to him on the completion of two years of office, coupled with a request that he would permit his Address to be published in the *Proceedings*, was proposed by Professor G. D. Hale Carpenter and carried unanimously. In acknowledging the thanks of the meeting the President granted this request.

A vote of thanks to the Officers for their services throughout the year was proposed by Dr. N. E. Hickin, seconded by Mr. R. W. Lloyd, and carried unanimously. The Secretary briefly replied.

E. B. BRITTON, *Honorary Secretary*.

NOTICES

In addition to the *Transactions and Proceedings* (Series A, B and C), the following publications are available on application at the Society's rooms :—

THE GENERIC NAMES OF BRITISH INSECTS, WITH CHECK LISTS OF THE SPECIES, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London, with the assistance of the Department of Entomology of the British Museum (Natural History) :—

Part 1. Recommendations relating to the publication of the Committee's

| | Reports | Price | 6d. |
|------|----------------------------------|-------|----------|
| " 2. | Rhopalocera | " | 3s. 6d. |
| " 3. | Odonata | " | 3s. 6d. |
| " 4. | Neuroptera | " | 3s. 6d. |
| " 5. | Hymenoptera Aculeata | " | 15s. 0d. |
| " 6. | Coleoptera Carabidae | " | 10s. 0d. |
| " 7. | Coleoptera Hydradephaga | " | 5s. 0d. |
| " 8. | Hemiptera Heteroptera | " | 39s. 0d. |
| " 9. | Coleoptera Staphylinidae | " | 40s. 0d. |

HANDBOOKS FOR THE IDENTIFICATION OF BRITISH INSECTS.

The Society has undertaken the issue of a series of publications intended to provide illustrated Keys to the whole of the British Insect Fauna so far as this is possible.

It is proposed to cover this field in a series of ten volumes, arranged as follows :—

| | |
|----------------------------------|-------------------------|
| I. Part 1. General Introduction. | Part 9. Ephemeroptera.† |
| " 2. Thysanura. | " 10. Odonata.† |
| " 3. Protura. | " 11. Thysanoptera.* |
| " 4. Collembola.* | " 12. Neuroptera. |
| " 5. Dermaptera and Orthoptera.† | " 13. Mecoptera. |
| " 6. Plecoptera.† | " 14. Trichoptera. |
| " 7. Psocoptera.* | " 15. Strepsiptera. |
| " 8. Anoplura. | " 16. Siphonaptera. |

II. Hemiptera.* III. Lepidoptera. IV and V. Coleoptera.*

VI. Hymenoptera : Symphyta* and Aculeata.*

VII. Hymenoptera : Ichneumonioidea.*

VIII. Hymenoptera : Cynipoidea, Chalcidoidea and Serphoidea.

IX. Diptera : Nematocera† and Brachycera. X. Diptera : Cyclorrhapha.*

The following parts are now available :—

Vol. I, Part 5. Dermaptera and Orthoptera. By W. D. Hincks. Price 3s. 6d. plus postage.

Vol. I, Part 6. Plecoptera. By D. E. Kimmins. Price 3s. 6d. plus postage.

Vol. I, Part 9. Ephemeroptera. By D. E. Kimmins. Price 3s. 6d. plus postage.

Vol. I, Part 10. Odonata. By F. C. Fraser. Price 7s. 6d. plus postage.

Vol. IX, Part 1. Diptera : Introduction and Key to Families. By H. Oldroyd. Price 7s. 6d. plus postage.

Vol. IX, Part 2. Diptera, Nematocera : Families TIPULIDAE to CHIRONOMIDAE. By R. L. Coe, Paul Freeman and P. F. Mattingly. Price 20s. 0d. plus postage.

Parts marked † are on sale or in the press, those marked * in preparation.

Orders for the complete series or for separate parts can be placed with the Registrar at the Society's rooms now, but prices can only be quoted for those parts already issued.

Fellows of the Society may purchase one copy at a discount of 25 per cent. ; additional copies at the full published price.

STYLOPS, a Journal of Taxonomic Entomology.

1932-1935. Vols. 1-4 (all issued). Price £1 16s. 0d. each ; to Fellows £1 7s. 0d.

ABSTRACT OF PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1935. Nos. 1-6 (all issued). 3s. 0d.

HUBNER : A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HUBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming. Price Vol. 1. 605 pp. £1 15s. 0d. ; Vol. 2. 275 pp. 15s. 0d.

THE HISTORY OF THE ENTOMOLOGICAL SOCIETY OF LONDON, 1833-1933. By S. A. Neave, assisted by F. J. Griffin. Price 10s. 6d.

Published by THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON and sold at its rooms, 41, Queen's Gate, S.W. 7, price 1s. 0d.